

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046777.D
 Acq On : 23 Jul 2024 14:31
 Operator : MA/JU
 Sample : P3238-08DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BF3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 15:15:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.476	152	3072	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.238	136	14765	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.123	164	9553	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.880	188	19733	0.400	ng/ul	0.00
17) Chrysene-d12	21.087	240	9581	0.400	ng/ul	0.00
23) Perylene-d12	23.221	264	9375	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1256	0.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	952	0.040	ng/ul	0.00
18) Fluoranthene-d10	18.919	212	1370	0.047	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.282	128	1970	0.052	ng/ul#	92
7) 2-Methylnaphthalene	11.910	142	971	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	973	0.036	ng/ul	100
10) Acenaphthylene	13.841	152	2932	0.067	ng/ul	96
11) Acenaphthene	14.188	153	6780	0.233	ng/ul	97
12) Fluorene	15.182	166	8152	0.226	ng/ul	97
15) Phenanthrene	16.918	178	180522	3.206	ng/ul	98
16) Anthracene	17.010	178	24128	0.439	ng/ul	98
19) Fluoranthene	18.946	202	213947	5.436	ng/ul	99
20) Pyrene	19.314	202	155728	3.655	ng/ul	99
21) Benzo(a)anthracene	21.073	228	77836	1.836	ng/ul	99
22) Chrysene	21.122	228	87135	2.125	ng/ul	99
24) Benzo(b)fluoranthene	22.592	252	104470m	2.790	ng/ul	
25) Benzo(k)fluoranthene	22.630	252	34662m	0.943	ng/ul	
26) Benzo(a)pyrene	23.127	252	36417	1.182	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.329	276	33698	0.718	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.340	278	10905	0.294	ng/ul#	93
29) Benzo(g,h,i)perylene	25.967	276	5156	0.138	ng/ul#	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

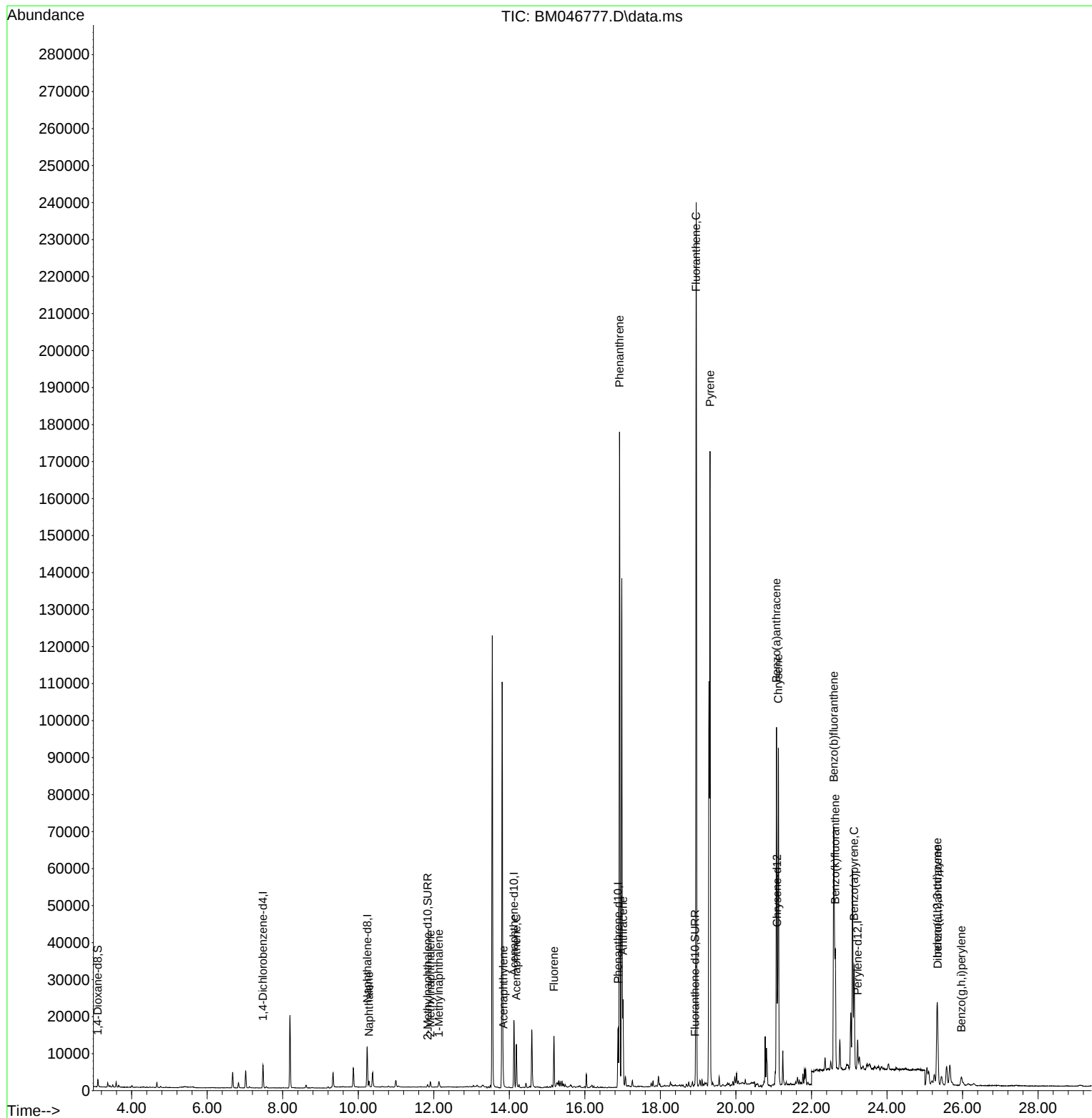
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
Data File : BM046777.D
Acq On : 23 Jul 2024 14:31
Operator : MA/JU
Sample : P3238-08DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

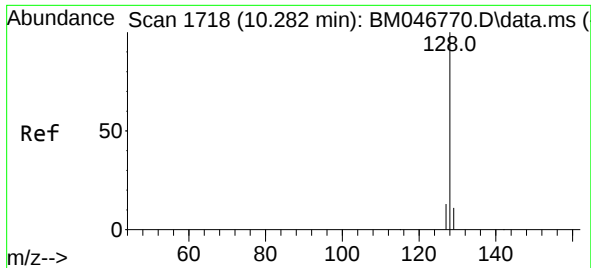
Instrument :
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Supervised By :mohammad ahmed 07/25/2024

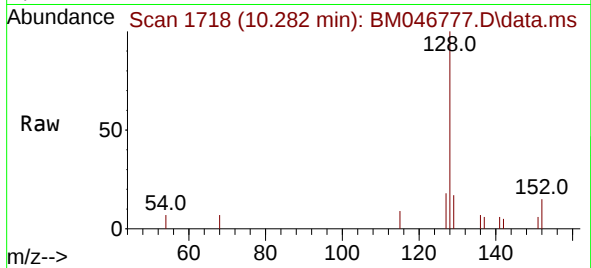
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.282 min Scan# 1718
Delta R.T. -0.015 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

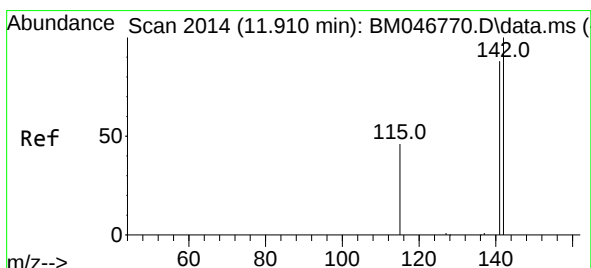
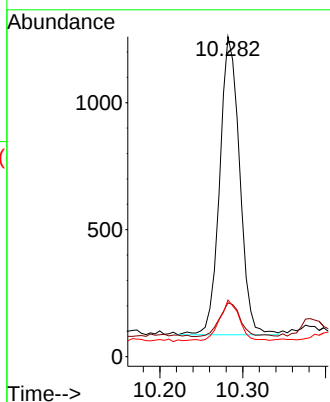
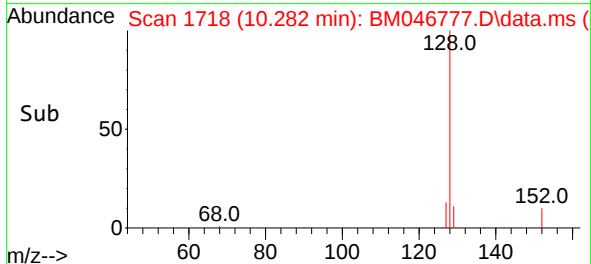
Instrument :
BNA_M
ClientSampleId :
A4BF3DL



Tgt Ion:128 Resp: 1970
Ion Ratio Lower Upper
128 100
129 16.8 10.3 15.5
127 17.7 12.2 18.4

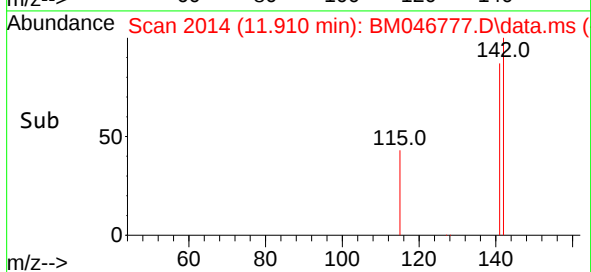
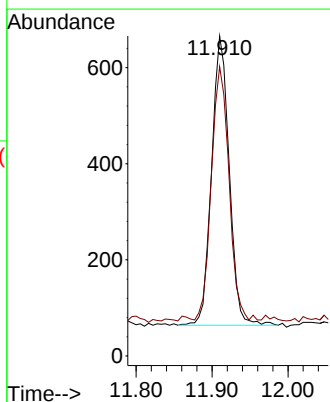
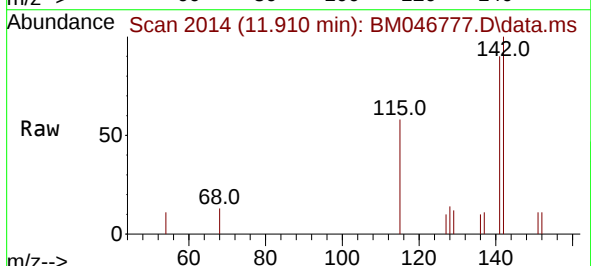
Manual Integrations
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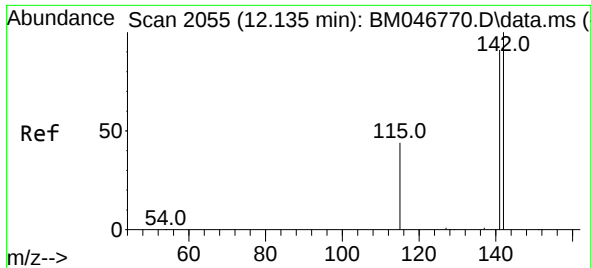
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

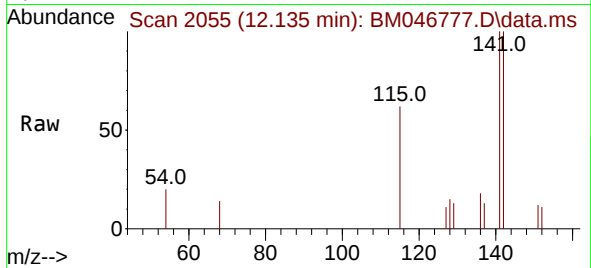
Tgt Ion:142 Resp: 971
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.010 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

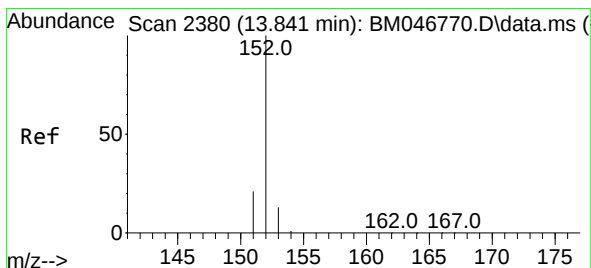
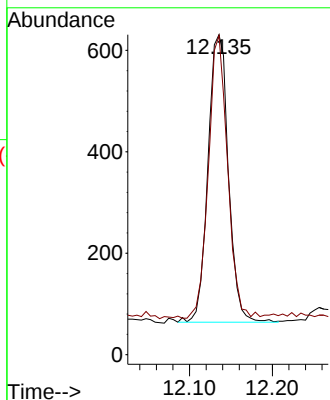
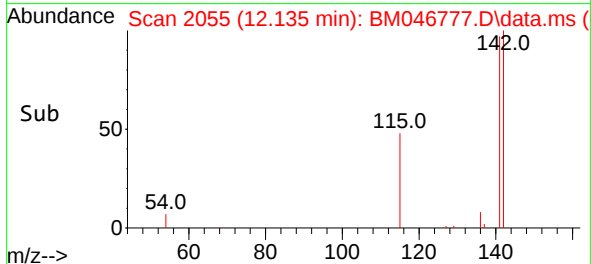
Instrument :
BNA_M
ClientSampleId :
A4BF3DL



Tgt Ion:142 Resp: 97.0
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

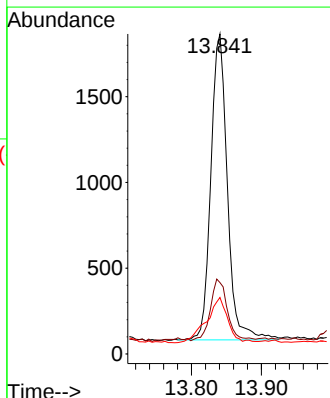
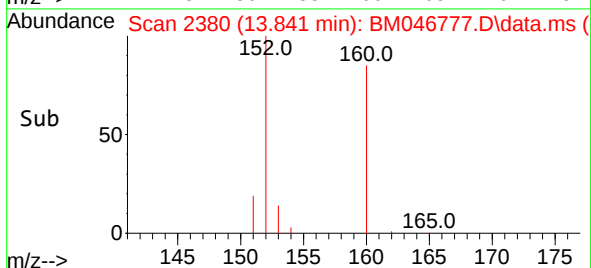
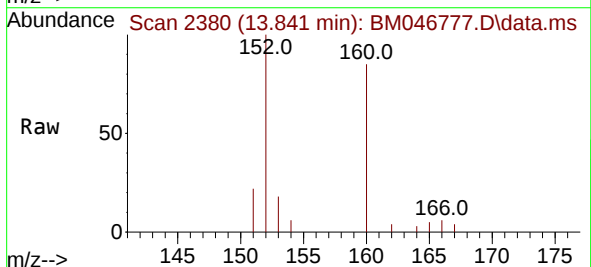
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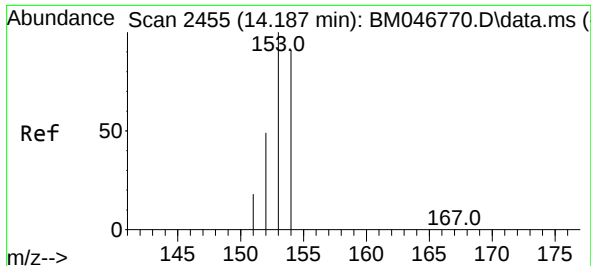
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 13.841 min Scan# 2380
Delta R.T. -0.008 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

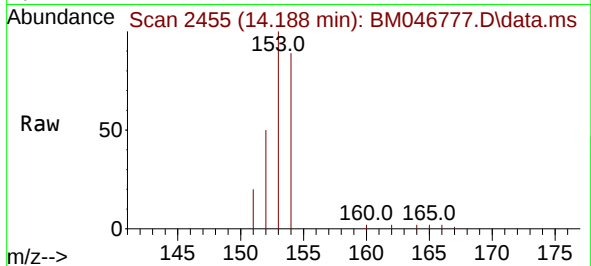
Tgt Ion:152 Resp: 2932
Ion Ratio Lower Upper
152 100
151 22.3 16.4 24.6
153 17.6 12.4 18.6





#11
Acenaphthene
Concen: 0.233 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.008 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

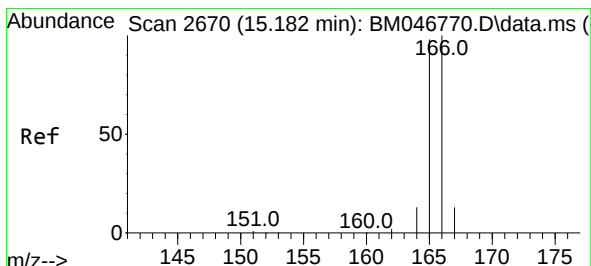
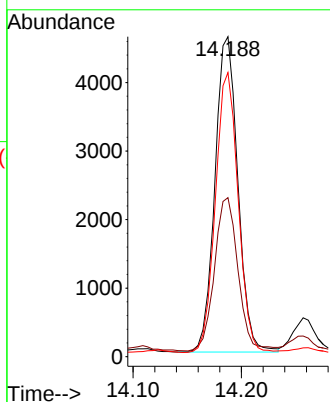
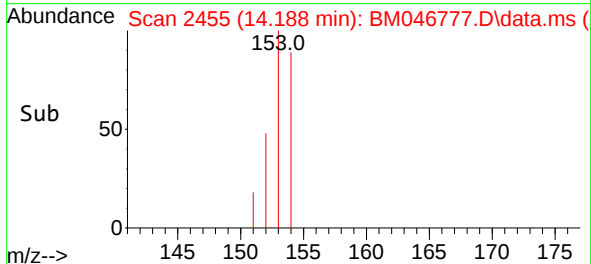
Instrument :
BNA_M
ClientSampleId :
A4BF3DL



Tgt Ion:153 Resp: 6780
Ion Ratio Lower Upper
153 100
152 49.7 43.0 64.6
154 88.8 69.9 104.9

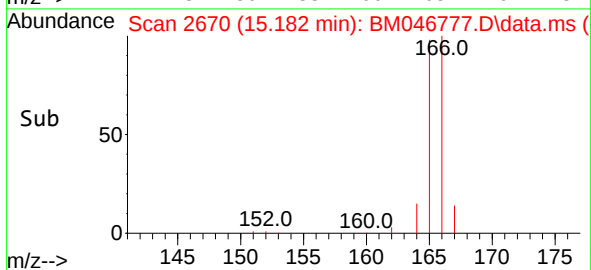
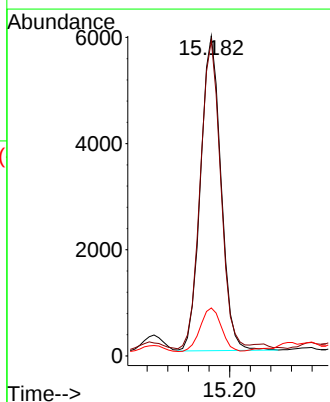
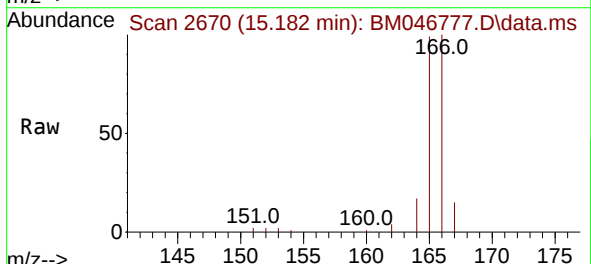
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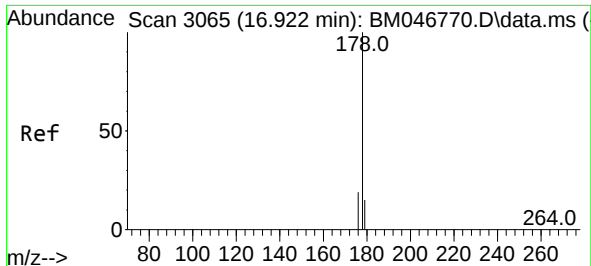
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#12
Fluorene
Concen: 0.226 ng/ul
RT: 15.182 min Scan# 2670
Delta R.T. -0.008 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

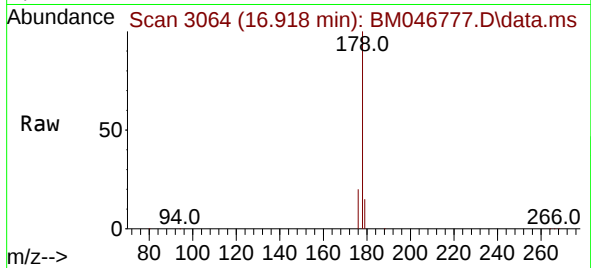
Tgt Ion:166 Resp: 8152
Ion Ratio Lower Upper
166 100
165 98.6 76.1 114.1
167 15.0 12.5 18.7





#15
Phenanthrene
Concen: 3.206 ng/ul
RT: 16.918 min Scan# 3064
Delta R.T. -0.007 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

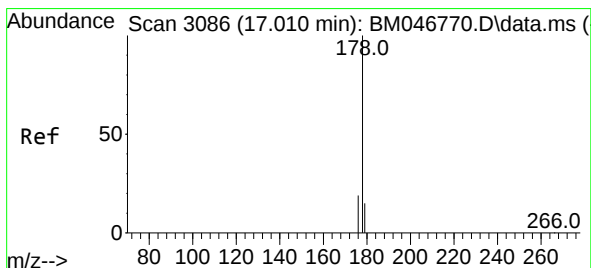
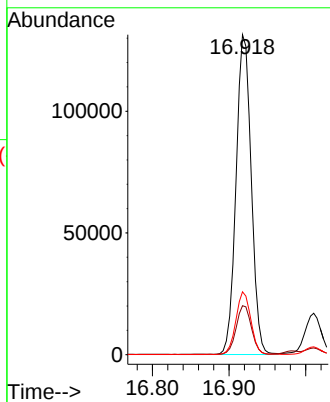
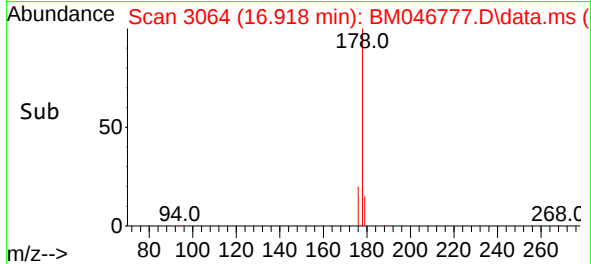
Instrument :
BNA_M
ClientSampleId :
A4BF3DL



Tgt Ion:178 Resp: 18052
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.6 16.0 24.0

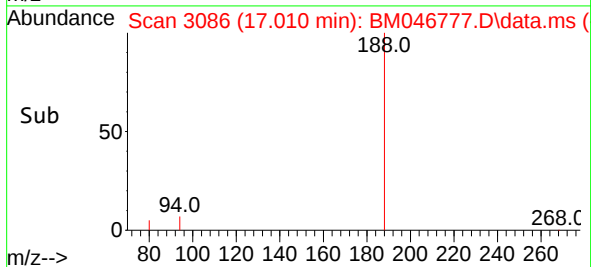
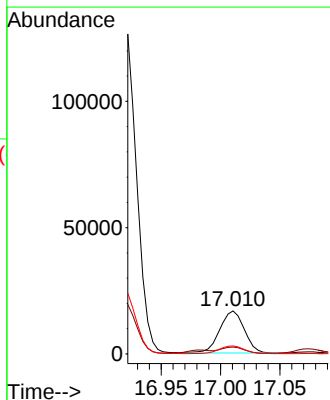
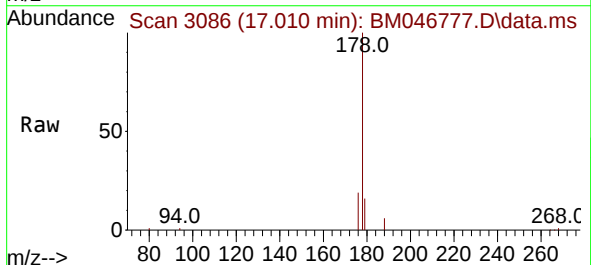
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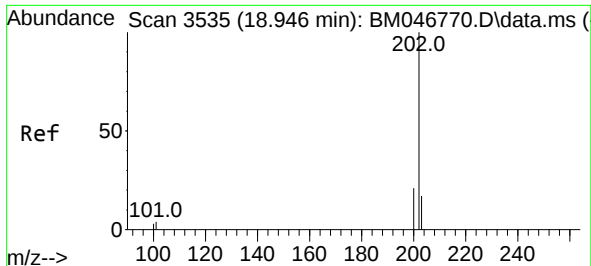
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#16
Anthracene
Concen: 0.439 ng/ul
RT: 17.010 min Scan# 3086
Delta R.T. -0.007 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

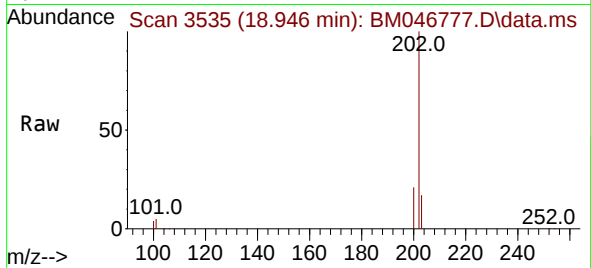
Tgt Ion:178 Resp: 24128
Ion Ratio Lower Upper
178 100
179 16.1 13.5 20.3
176 18.7 15.7 23.5





#19
Fluoranthene
Concen: 5.436 ng/u1
RT: 18.946 min Scan# 3535
Delta R.T. -0.008 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

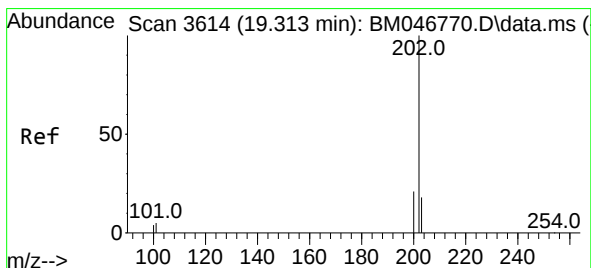
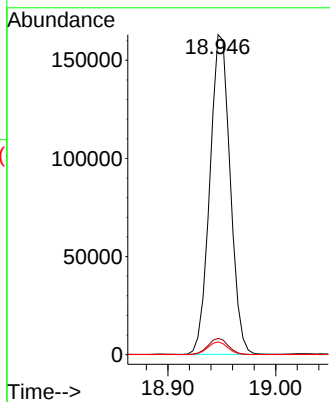
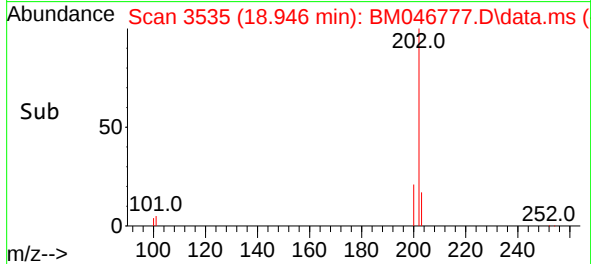
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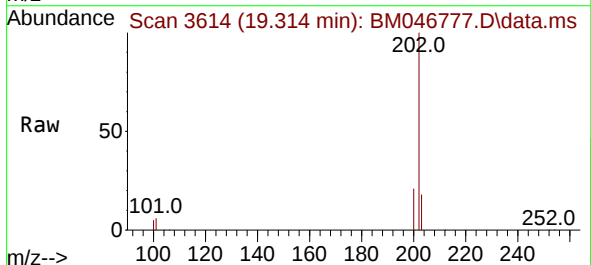
Tgt Ion:202 Resp: 21394
Ion Ratio Lower Upper
202 100
101 5.1 4.6 6.8
100 4.0 3.0 4.6

Manual Integrations
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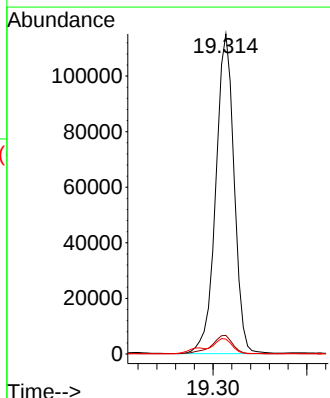
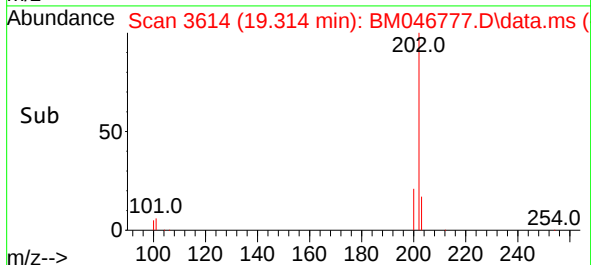
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

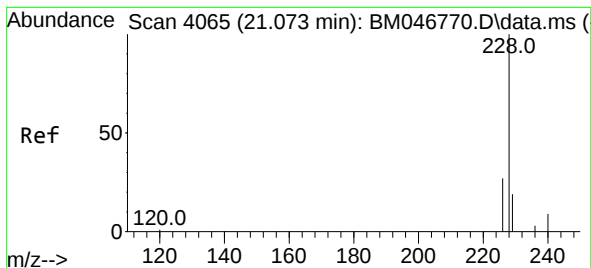


#20
Pyrene
Concen: 3.655 ng/u1
RT: 19.314 min Scan# 3614
Delta R.T. -0.008 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31



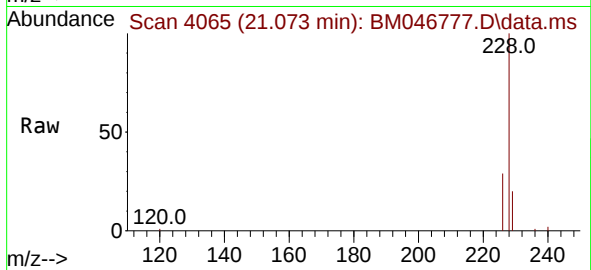
Tgt Ion:202 Resp: 155728
Ion Ratio Lower Upper
202 100
101 5.8 5.1 7.7
100 4.7 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.836 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.006 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

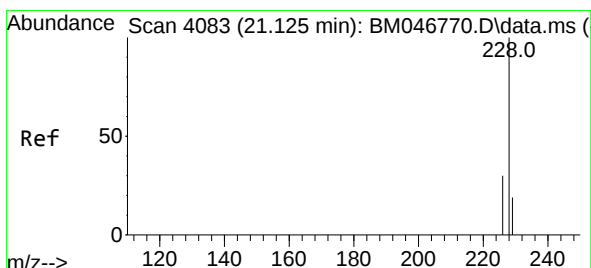
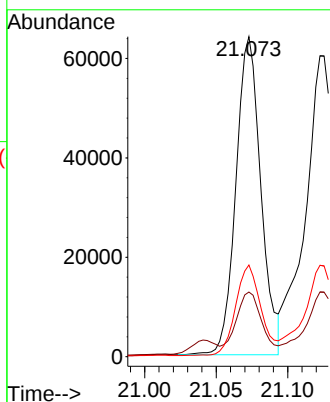
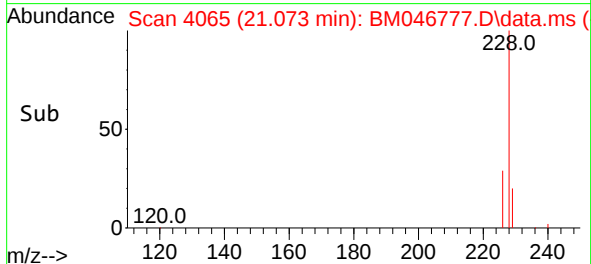
Instrument :
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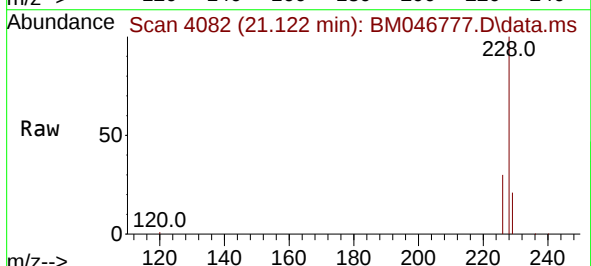
Tgt Ion:228 Resp: 77836
Ion Ratio Lower Upper
228 100
229 20.2 16.5 24.7
226 28.7 22.5 33.7

Manual Integrations
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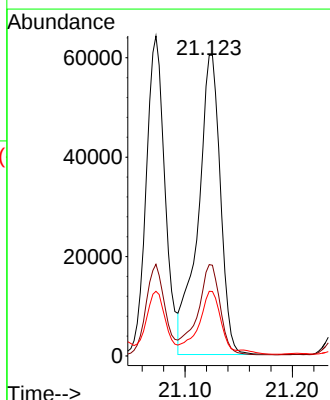
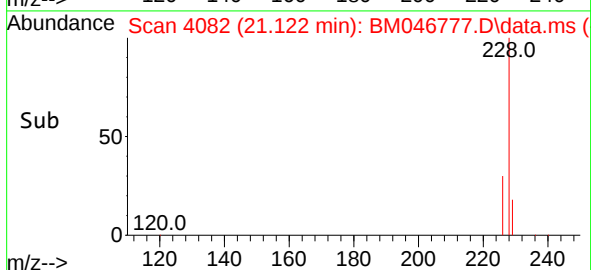
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

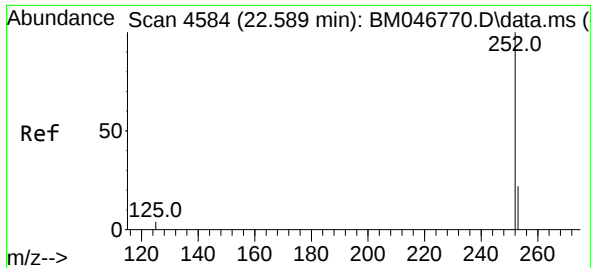


#22
Chrysene
Concen: 2.125 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31



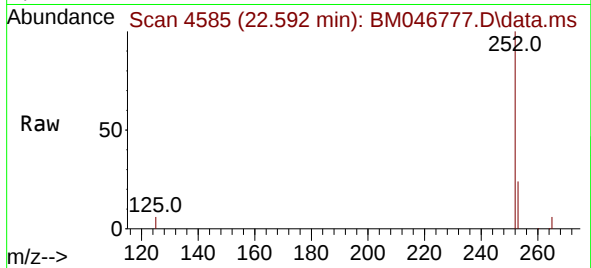
Tgt Ion:228 Resp: 87135
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.790 ng/ul m
RT: 22.592 min Scan# 4585
Delta R.T. -0.006 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

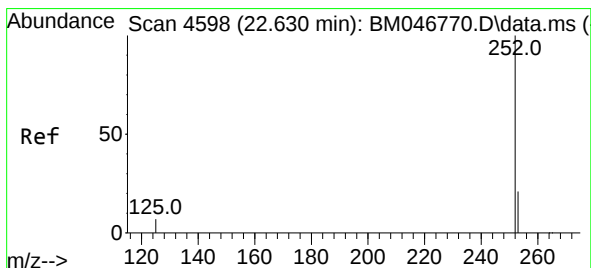
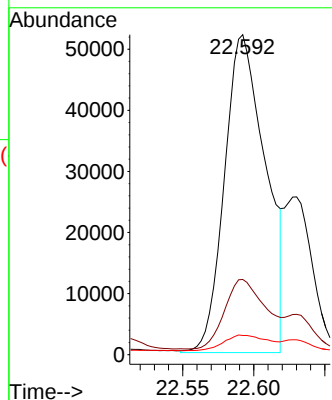
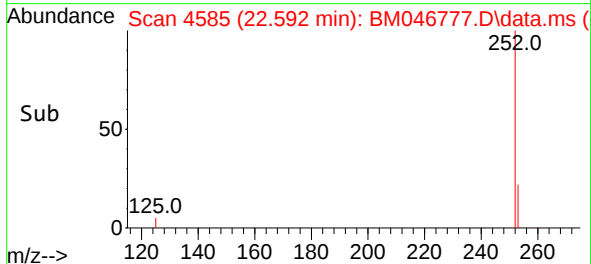
Instrument :
BNA_M
ClientSampleId :
A4BF3DL



Tgt Ion:252 Resp: 104470
Ion Ratio Lower Upper
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253 23.5 0.0 56.2
125 6.0 0.0 17.8

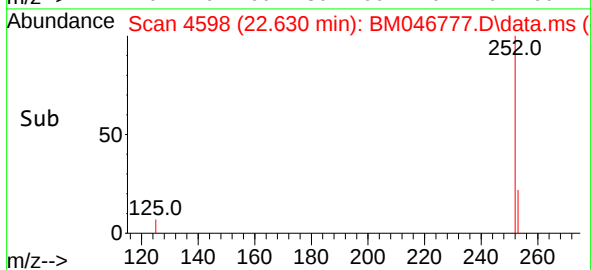
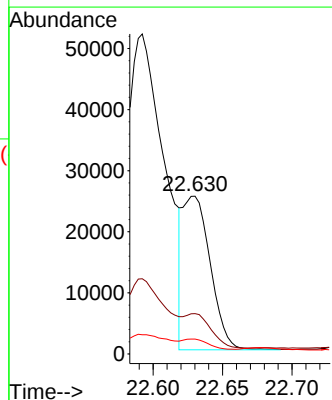
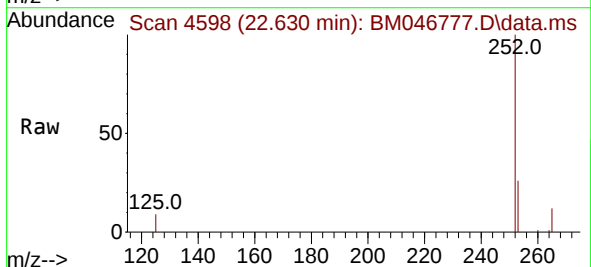
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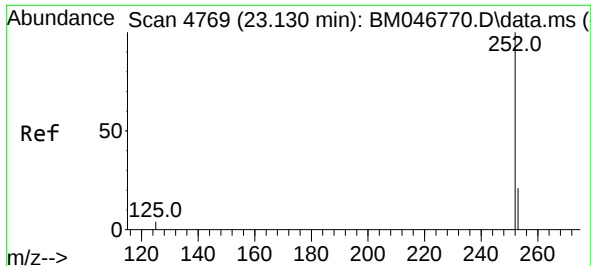
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#25
Benzo(k)fluoranthene
Concen: 0.943 ng/ul m
RT: 22.630 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

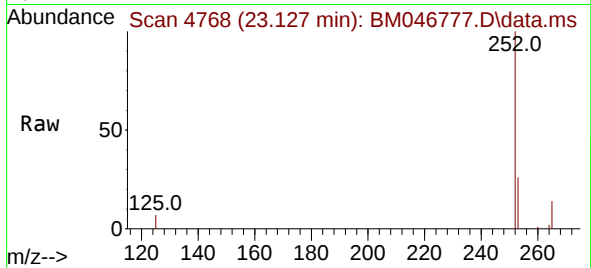
Tgt Ion:252 Resp: 34662
Ion Ratio Lower Upper
252 100
253 25.5 22.4 33.6
125 9.5 7.0 10.4





#26
Benzo(a)pyrene
Concen: 1.182 ng/ul
RT: 23.127 min Scan# 4769
Delta R.T. -0.012 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

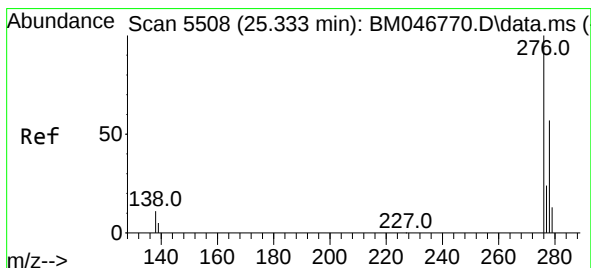
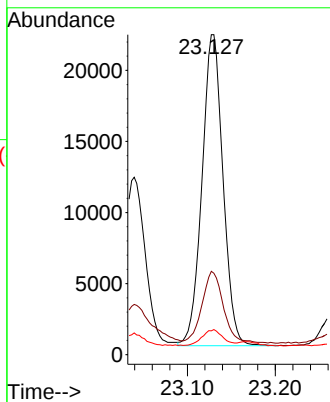
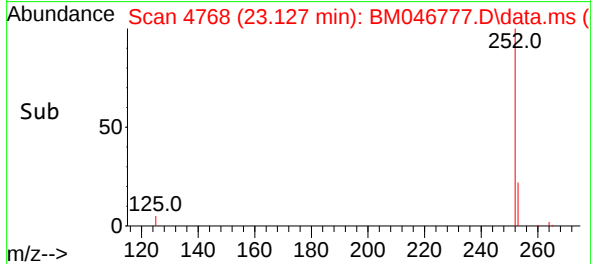
Instrument :
BNA_M
ClientSampleId :
A4BF3DL



Tgt Ion:252 Resp: 36417
Ion Ratio Lower Upper
252 100
253 26.1 24.0 36.0
125 7.5 8.2 12.2

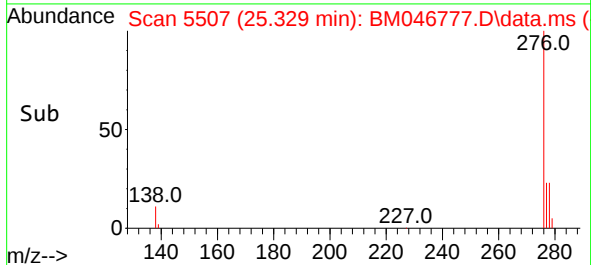
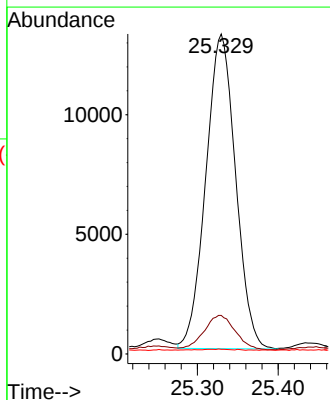
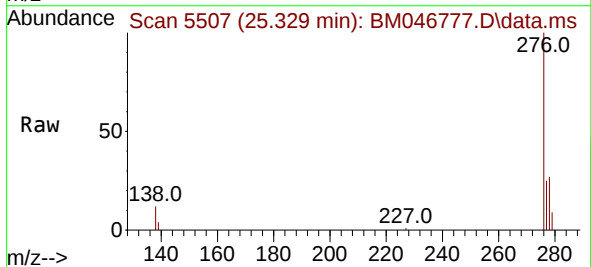
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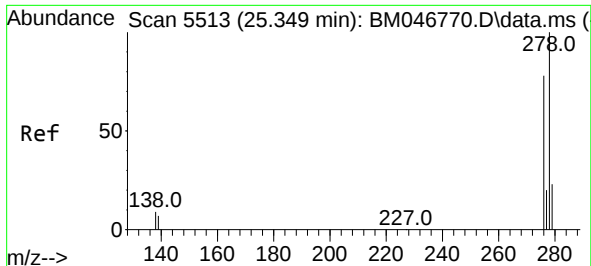
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.718 ng/ul
RT: 25.329 min Scan# 5507
Delta R.T. -0.017 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

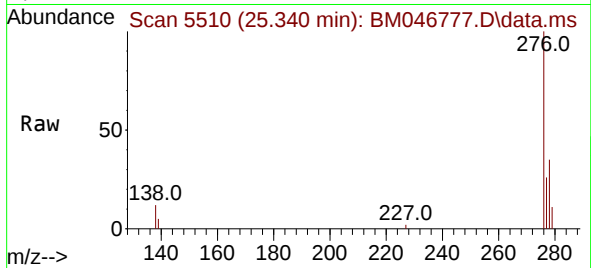
Tgt Ion:276 Resp: 33698
Ion Ratio Lower Upper
276 100
138 11.5 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 25.340 min Scan# 51
Delta R.T. -0.021 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

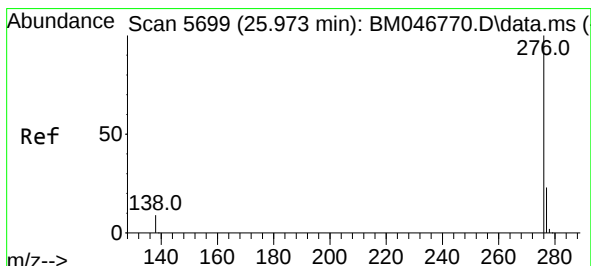
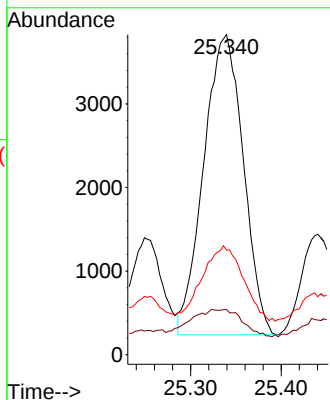
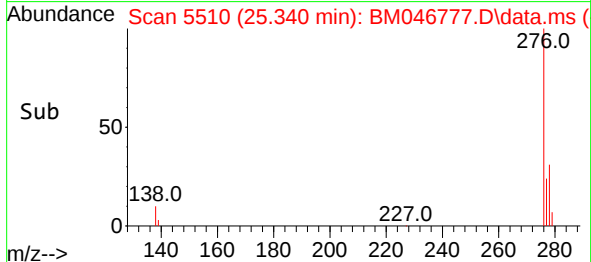
Instrument :
BNA_M
ClientSampleId :
A4BF3DL



Tgt Ion:278 Resp: 1090
Ion Ratio Lower Upper
278 100
139 14.1 9.1 13.7
279 32.6 23.2 34.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#29
Benzo(g,h,i)perylene
Concen: 0.138 ng/ul
RT: 25.967 min Scan# 5697
Delta R.T. -0.017 min
Lab File: BM046777.D
Acq: 23 Jul 2024 14:31

Tgt Ion:276 Resp: 5156
Ion Ratio Lower Upper
276 100
138 19.8 10.2 15.4#
277 32.9 20.9 31.3#

